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Enoch [US/US]; 3480 Rolph Way, El Dorado Hills, CA 95762 (US).

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(74) Agent: MILLER, Raymond, A.; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

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(71) Applicant (for all designated States except US):
MYKROLYS CORPORATION [US/US]; 129 Concord Road, Billerica, MA 01821-4600 (US).

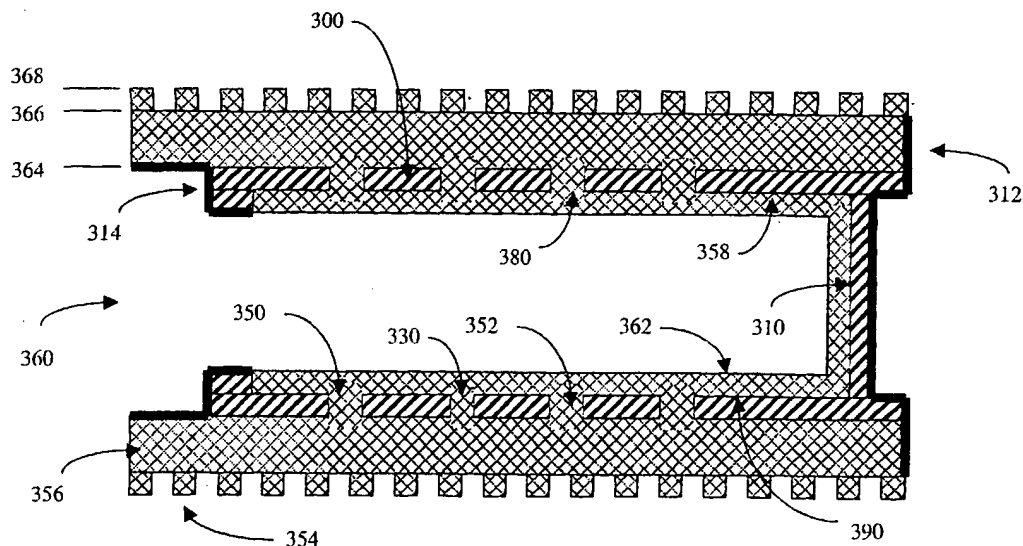
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(72) Inventor; and

(75) Inventor/Applicant (for US only): **BENSON, Briant,**

[Continued on next page]

(54) Title: METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTATABLE BASE



(57) Abstract: The present invention includes methods and materials for making a brush or pad for removing materials, particles, or chemicals from a substrate. The brush or pad includes a rotatable base for supporting a porous pad material. The base include an inner surface and an outer surface and a plurality of channels in the base for interlocking the porous pad material with the base. A porous pad material covers at least a portion of the outer surface of the base and is used for removing material from various substrates. The porous pad material fills one or more of the channels in the base and interlocks the porous pad material with the base. Preferably the channels fluidly connect said inner surface with the outer surface of the base and aid in the alignment of porous pad nodes and the distribution of fluid within the porous pad.



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